

9

1680.  
1680.  
**DOVE  
SPECULUM ANNI  
OR AN  
ALMANACK  
For the Year of our  
L O R D G O D.  
1680.**

Being the Bissextile or Leap-year, and  
from the worlds Creation 5683.

Wherein is contained a Chronology, the Planets  
Aspects, Eclipses, Terms, Inclination of  
the Air, with other things of note.

Calculated properly for the famous  
University and Town of Cambridge, where  
the North Pole is elevated above the Ho-  
rizon 52 degr. and 17 min.

But may indifferently serve for any place within  
this Kingdom.

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*Non nobis solum nati sumus.*

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*C A M B R I D G E,*  
Printed by John Hayes, Printer to the  
University, 1680.

The vulgar notes and moveable Feasts for  
this year 1680. in both accounts, Viz.

Julian or English.		Gregorian or Foreign.
	9 The Golden Number	9
	9 The Cycle of the Sun	9
	9 The Epact	29
	10 The Dominical Letters	5
Feb.	22 Shrove-sunday	Mar. 3
April	11 Easter-day	Apr. 21
May	20 Ascension-day	May 30
May	30 Whitunday	June 9
June	6 Trinity Sunday	June 16
Nov.	28 Advent Sunday	Decem. 1

The Terms with their Returns.

Hillary Term begins January 23, and ends February 11, and hath 4 returns, viz.	{ Octab. Hilar. January Quind. Hilar. Jan. Craft. Purif. February Octab. Purif. February	10
Easter Term begins April 28, and ends May 24, and hath 3 returns,		17
Trinity Term begins Jane 21, and ends June 30 and hath 4 returns.		3
Michael. Term be- gins October 23, and ends November 29, and hath 6 returns.		9
	{ Craft Trin. June Octab. Trin. June Quind. Trin. June Tres Trin. June	26
		3
		10
		17
	{ Craft Mich. Octob. Mens. Mich Octob. Craft. Anim. November Craft. Mart. November	21
		28
		30
		37
	{ Tres Mich. Octob. Mens. Mich Octob. Craft. Anim. November Craft. Mart. November	3
		11
		18
		25

Note that the Exchequer openeth 8 days before any Term, except the Term of Trinity, which it openeth but 4 days before.

Dove 1680.

## The Anatomy of Mans body.



### The Names and Characters of the twelve Signs.

- ✓ Aries Head and Face      ≈ Libra Reins and Loins
- ♀ Taurus Neck & Throat      in Scorpio Secret members
- II Gemini Arms and Shoul.      ♀ Sagittarius the Thighs
- Sc Cancer Breast and Stom.      ♀ Capricornus the Knees
- Λ Leo Heart and Back      ≈ Aquarius the Legs
- ♀ Virgo Bowels and Belly      ♀ Pisces the Feet.

### The Sun's entrance into the four Cardinal Signs.

He enters Aries March 9, 26 min. past 3 afternoon.

He enters Cancer June 20 day at 6 afternoon.

He enters Libra Sept. 12 day, 20 min. past 9 beforen.

He enters Capricorn Decemb. 10 at 9 at night.

Note that the bright Planet Venus is our morning Star from the beginning of the year unto the 26 of August at which time making her Conjunction with the Sun, becomes Occidental and our evening Star the remaining part of the year.

A brief account of the most remarkable  
passages which have happened in  
England since the year, 1640.

Time ex-  
pired this  
year 1680.

1640 The long Parliament began Nov. 2. The Earl of Strafford beheaded May 13 following.

1641 May 2 the Prince of Orange was married to the Lady Mary. The same year Octob. 23 the Rebellion in Ireland began.

1642 Sir J. Hotham denies the King entrance into Hull. The Earl of Essex made general for the Parliament. The King setteth up his Standard at Nottingham. The battel at Edge-Hill October 23, where above 5000 were slain.

Brainford's Fight November 13 and 14.

1643 The Lord Brook shot in the eye.

The Battel on Hopton-Heath, Morris 13. Chesapeake-Cross demolished, and an Act passed for an Assembly of Divines to settle Religion, and likewise a vote for a new Great Seal.

Sir William Waller routed by the Kings forces.

The first Battel at Newbury, September 20.

The Covenant (that Bond of Iniquity) taken by the house of Commons, September 25.

1644 The Scotch-Army of 20000 Horse and Foot entered England. Marston-moor fight July 2, where above 7000 were slain.

This year came divers Ambassadors from France, Holland and Spain, to mediate between the King and Parliament.

Newbury second Battel, October 27.

3 Suns seen in London, November 19.

Sir

Dove 1650.

Sir Thomas Fairfax made General in the room of Essex.

1645 The Arch-Bishop of ~~Cam~~. beheaded Jan. 10. 35

The Parliament vote that the clause for preservation of his Majesties person should be left out of Sir Tho Fairfax his Commission, March 24.

Oxford closely besieged, May 23.

The fatal Battle at Marstyn, June 14.

Carlisle after a long siege delivered to the Scots.

Bristol surrendered September 11. Routon-Heath Battel, September 24.

Billing House taken by Room, October 14.

Dartmouth stormed and taken, and Belvoir-Castle surrendered.

His Royal Majesty offered at this time to come to the Parliament, and advise with them for the good of the Nation upon reasonable conditions, but they would not consent to it.

1646 The Earl of Essex died September 14. 34

The treacherous Scots sold the King to the Parliament for 400000 pounds.

1647 His Majesty was brought prisoner to Holmby, Feb. 17. 33

The City declares against the Army, but upon the Armies approach they submit.

1648 The Parliament vote that no further addresses be made to the King, January 30. 32

Part of the Navy declare for the King, May 27.

Maidstone fight, May 31. The Welch-Army of 840: routed by Col. Horson.

Duke Hamilton entered England with an Army for his Majesty. Colchester yielded, Sir Charles Lucas and Sir George Lisle shot to death, August 18.

The Treaty began in the Isle of Wight, September 18.

An Ordinance nominating divers persons to try

Dove 1080.

the King December 28, being tendred to the Lords  
was by them refused.

1649 The pretended High Court of Justice proclaimed January 9.

His Royal Majesty most barbarously murdered,  
Jan. 30.

1650 The Kings Statue erected in the Royal Exchange,  
broken down by the Usurpers, August 10.

A great fight at Dunbar in Scotland, September 3.

1651 King Charles II Crowned at Schoon in Scotland Jan. 1.

The Scotch Army again enter England, Aug. 8.

Worcester fight September 3, 3000 slain and 1000 taken prisoners.

1652 A great Sea-fight between the English and Dutch, wherein the Dutch were worsted.

1653 The Rump Parliament dissolved by the Army, April 10.

A second fight between the English and Dutch, Jan. 2, 3.

A third fight July 29 and 30, wherein Vanrump was slain.

1654 Oliver the Tyrant summond a Parliament, Sep. 3 and dissolved it again the 22 of January following, he was proclaimed Protectour June 26.

1656 The River of Thames ebbed and flowed twice in hours, October 3.

1658 Dunkirk surrendered to the English, June 25.

Oliver died September 3, and the next day his son was proclaimed Protectour.

1659 White-hall and Somerset house voted to be sold; May 16. Sir George Booth up in Cheshire, Aug. 1.

1660 The Lord General Monk marcheth from Scotland to London.

The secluded Members restored, February 21.

Admiral Montague with the whole Navy submit to his Ma

Dover 1680.

Majestly, May 3, and the 8 his Majestly was proclaimed in London, the 25 he landed at Dover, and the 29 at White-hall.

General Monk created Duke of Albemarle, July 13.

The Duke of Gloucester died, September 13

About this time many of the Regicides were executed.

The Queen mother returned to Whitehall, November 2.

1661 King Charles II Crowned at Westminster. April 23. 19

The Queen of Bohemia came to London, May 17.

1662 Queen Katherine landed at Portsmouth May 14, and on the 23 of Aug. following she came to White-hall.

1664 The House of Commons voted his Majesty a supply of 1,000,000 pounds sterl.

Three Comets appeared in a short time.

1665 The great Plague in London began Apr. 15, whereof 15 died 100,000.

A great fight between the Eng. and Dutch Jan. 3, wherein the Dutch were beaten.

The Parliament voted his Majestly a supply of 1,500,000 pounds, October 11.

1666 Another fight between the English and Dutch Jan. 14, 2, 3, 4, a third fight in Aug. following.

The sad fire in London which burned within the walls 87 Parishes, & much building without, Sept. 3, 4, 5, 6.

1672 War proclaimed against the Dutch, March 23. 8

1673 Several sea fights between the English and Dutch. 7

1674 A Peace concluded between the English and Dutch, Feb. 9. 9

The Duke of Monmouth Installed Chancellour of Camb. Septemb. 2.

1677 The Prince of Orange married to the Lady Mary 3 Novem. 4.

January hath xxxi days,

Fall moon 5 day, 7 min. past 10 at night

Last quarter 13 day, 4 min. past 7 at night

New moon 21 day, at 1 afternoon

First quarter 28 day, 21 min. past 8 in the morning.

		Circumlocution	Taur.	23	21	19	♀ Star. ad ret.
1	s	Oft. Stephen	Gem.	8	22	20	Cold and
2	b	Ostab. John		22	23	21	cloudy to be-
3	c	2 Sun. af.Chr.	Canc.	6	24	22	gin the year
4	d	Simeon		19	25	24	♂ D h 6. a.
5	e	Epiphany	Leo	3	26	24	With snow.
6	f	Julian		16	27	26	□ D ♀ 8. a.
7	g	Lucian		29	28	27	(♂ D ♂ 11. p.
8	a	Marcelline	Virgo	11	29	28	Cold abated.
9	b	Sun in AQUA.		24	0	30	Windy with
10	c	1 aft. Epiph.	Libra	6	1	31	much rain or
11	d	Arcadius		18	2	32	D ♂.
12	e	Hillary Bish.		29	3	33	D Apogzon.
13	f	Felix	Scorp.	11	4	34	snow.
14	g	Marcellinus		23	5	35	Turbulent.
15	a	Marcellus	Sagit.	5	6	36	Weather now
16	b	Anthony		18	7	37	about.
17	c	2 aft. Epiph.	Capr.	0	8	38	
18	d	Wolfan		13	9	39	
19	e	Ostab. Hilar.		27	10	40	
20	f	Agnes Virg.	Aquar.	11	11	41	
21	g	Vincent M.		25	12	42	
22	a	Terun begins	Pise.	9	13	43	♀ Star.addir.
23	b	Timothy B.		23	14	44	Mild tempe-
24	c	Conv. St. Paul	Aries	8	15	45	D ♀.
25	d	Polycarpus		21	16	46	D Perigzon
26	e	Quind. Hilar.	Taur.	6	17	46	rate weather
27	f	Agnes Appi.		20	18	47	♂ h ♀ 9. p.
28	g	Gildas Ab.	Gem.	4	19	48	may end the
29	a	R. Clair. Mar.		18	20	48	monech.
30	b	Saturn	Canc.	2	21	49	

Sol now projects but weak and oblique beam,  
 On our hard frozen and distressed Climate;  
 To th' Antarctic Pole he may seem to hasten,  
 Yet cold Winter's dreggs we must surely taste.

			3	56
			3	57
			3	58
1	8	4	3	56
2	8	3	3	57
3	8	2	3	58
4		0		0
5	7	52	4	1
6	7	58	4	2
7	7	57	4	3
8	7	55	4	5
9	7	54	4	6
10	7	52	4	8
11	7	51	4	9
12	7	50	4	10
13	7	48	4	12
14	7	47	4	13
15	7	46	4	14
16	7	45	4	15
17	7	44	4	16
18	7	42	4	18
19	7	40	4	20
20	7	39	4	22
21	7	35	4	24
22	7	34	4	26
23	7	32	4	28
24	7	30	4	30
25	7	28	4	32
26	7	26	4	34
27	7	24	4	36
28	7	22	4	38
29	7	20	4	40
30	7	18	4	42
31	7	16	4	44

January 1680.

February hath xxix days.

Full moon the 4 day, 48 min. past 1 afternoon

Last quarter the 12 day, 13 min. past 5 in the afternoon.

New moon 20 day, 53 min. after 12 in the morning.

First quarter the 26 day, 40 min. past 4 afternoon.

M.D.	W.D.	Festival days with Terms	Moons place.	Su. pl. d. m.	Inclination of the air.
1	D	4 aft. Epiph.	Canc.	22 50	Warm for the
2	E	Parification		23 51	season and so
3	F	Craft. Purif.	Leo	24 51	♂ ♂ ⊖ 5. p.
4	G	Gilbertus		25 52	like to con-
5	A	Bogarts <del>Mo.</del>	Virgo	26 52	♀ elong. à ⊖.
6	B	Dorothy <del>Mo.</del>		27 53	tinus for
7	C	Bumwald	Libra	28 53	a while.
8	D	Septuagesima		29 54	D ♂.
9	E	○ in X. Oct.p.		0 54	Windy with
10	F	Scholasticz	Scorp.	1 55	storms of hail
11	G	Mother		2 55	
12	A	Term ends	Sagit.	3 55	△ ♂ ♂ 5. a.
13	B	Bogabus		4 56	
14	C	Valentine		5 56	* ♀ ⊖ 13. p.
15	D	Sexagesima	Capr.	6 56	Warm for
16	E	Julianus		7 57	the season.
17	F	Constant	Aquar.	8 57	
18	G	Concordia		9 57	* ♀ ♂ 7. p.
19	A	Habine	Pisces	10 57	Frost may
20	B	Woldzed, vir.		11 57	now be expe-
21	C	Cimbert	Aries	12 57	D ⊖.
22	D	Quinquagesi.		13 57	h Stat. addi.
23	E	Polycarpus	Taur.	14 57	eted though
24	F	Shr.tuesd. fast		15 57	of no contin-
25	G	S. Matt. Ash.	Gem.	16 57	uance.
26	A	Microzin		17 57	
27	B	Festunatus		18 57	△ ♂ ♀ 13. p.
28	C	Oswald Bish.	Canc.	19 57	Cold, sharp,
29	D	1 Sun.in Lent		20 56	windy weath.

Bright Phœbus now with warmer beam doth rise,  
 Thawing the sturdy rocks o' th' crusted ice ;  
 But quite to conquer being unable,  
 The earth's distress'd, the sky weeps in sable.

				Sun-setting	
1	7	14	4	46	
2	7	12	4	48	
3	7	10	4	50	
4	7	8	4	52	
5	7	6	4	54	
6	7	4	4	56	
7	7	2	4	58	
8	7	0	5	0	
9	6	59	5	1	
10	6	57	5	3	
11	6	55	5	5	
12	6	54	5	6	
13	6	52	5	8	
14	6	50	5	10	
15	6	48	5	12	
16	6	46	5	14	
17	6	44	5	16	
18	6	42	5	18	
19	6	40	5	20	
20	6	38	5	22	
21	6	36	5	24	
22	6	34	5	26	
23	6	32	5	28	
24	6	30	5	30	
25	6	28	5	32	
26	6	26	5	34	
27	6	24	5	36	
28	6	22	5	38	
29	6	20	5	40	

February 1680.

# March hath xxxi days.

Full moon 5 day, 56 min. past 5 in the morning

Last quart. 13 day, 24 min. past 11 in the morning

New moon 20 day, 44 min. past 10 in the morning

First quarter 27 day, 14 min. past 3 in the morning.

1	D	David Bish.	Leo	8	21	56	Windy sea-
2	S	Chas Bish.		21	22	56	sonable wea-
3	f	Ember Week	Virgo	4	23	56	ther.
4	g	Iudian		16	24	55	
5	a	Cælebius		28	25	55	D ♂.
6	b	Frederick	Libra	10	26	54	
7	c	3 Sun. in lent		22	27	54	
8	d	Mauritian	Scorp.	4	28	53	
9	e	40 Martyrs		16	29	53	
10	f	Sun in Aries		28	0	52	Cold cloudy
11	g	Gregory	Sagit	10	1	52	□ h ⊖ 7. p.
12	a	Orwin		22	2	51	♂ ♀ 2 4. a.
13	b	Wigan	Capr.	4	3	50	dark weather
14	c	3 Sund. in lent		16	4	50	mixt with rain
15	d	Longitus		29	5	49	or snow.
16	e	Alte de Ab.	Aquar.	13	6	48	
17	f	Patrick		27	7	47	
18	g	Edward B.	Pisces	11	8	46	
19	a	Joseph		26	9	45	♂ ⊖ ♀ . 14. p.
20	b	Rupertus	Aries	11	10	44	High winds
21	c	Midlent Sun.		26	11	43	cold and bo-
22	d	Bryhodius	Taur.	11	12	42	ferous wea-
23	e	Theodore		26	13	41	ther.
24	f	Unitin fast.	Gem.	11	14	40	Cold abated
25	g	Annunciation		25	15	39	but tem- perous.
26	a	Cælebius	Cane.	9	16	38	
27	b	Wribald		21	17	37	
28	c	3 Sun. in Len.	Leo	5	18	36	
29	d	Cæsach		15	19	34	
30	e	Patrone B.	Virgo	0	20	33	Variable.
31	f	Guido		13	21	32	* h ♀ 6. 2.

To th' midft of heavens belt when Sol doth ride,  
 The North and South with light equally do pride;  
 And now seeing in higher sky he's born,  
 The pleasant green old Hyms's threats doth scorn.

1	6	18	5	42
2	6	16	5	44
3	6	14	5	46
4	6	12	5	48
5	6	10	5	50
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	6	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

March 1680.

April hath xxx days.

Full moon 3 day, 29 min. past 11 at night  
 Last quarter 12 day, 40 min. after 12 in the morning  
 New moon 18 day, 56 min. past 6 at night  
 First quarter, 25 day, 10 min. past 1 in the afternoon.

1	g	Conv. M. Mag.	Virgo	25	22	30	
2	a	francis C.	Libra	7	23	29	Ω h D. ♀ ♀ D.
3	b	Richard B.		19	24	27	Warm show-
4	c	Palm Sunday	Scorp.	1	25	26	Apogzon D
5	d	Vincent		13	26	24	ers at the
6	e	E gesuppus		25	27	23	beginning.
7	f	Celestine	Sagit	6	28	21	High winds
8	g	Dyonisius		18	29	20	with storms
9	a	Good friday	Capr.	1	0	18	♂ h D
10	b	Eschillus		13	1	16	△ ♀ D
11	c	Easter day		25	2	15	of hail.
12	d	Julius	Aquar.	8	3	13	
13	e	Tiburtius		21	4	11	
14	f	Olympia	Pisc.	5	5	9	
15	g	Tran. Oswald		20	6	7	♀ Elong.
16	a	Zadoze	Aries	4	7	6	Max. a ♂.
17	b	Unicetus M.		19	8	4	Wet and cold.
18	c	Low Sunday	Taur.	3	9	2	Perigzon D
19	d	Bilphege		20	10	0	
20	e	Ceadwald	Gem.	3	10	58	
21	f	Himeon		19	11	56	
22	g	Sothor	Canc.	4	12	54	♂ h D
23	a	S. GEORGE		18	13	52	Cold and dry
24	b	Albertus	Leo	2	14	49	with little
25	c	S. Mar. Evan.		15	15	47	alteration to
26	d	Qajnd. Pasc.		27	16	45	the end.
27	e	walburg	Virgo	10	17	43	♀ Stat. ad R.
28	f	Tern begins		23	18	41	
29	g	Peter Mart.	Libra	4	19	38	
30	a	Erkenwald		16	20	36	♂ ♀ D

The swelling clouds now big with tepid dew;  
 Gently distill, and change the Winters hue,  
 O' th' languid Earth who in her womb contains  
 The copious crops of all fruitful grains.

15	16	16	44
25	14	6	45
35	12	6	43
45	10	6	50
55	8	6	52
65	6	6	54
75	4	6	56
85	2	6	58
95	0	7	0
105	58	7	2
114	56	7	4
124	54	7	6
134	52	7	8
144	50	7	10
154	48	7	12
164	46	7	14
174	44	7	16
184	43	7	17
194	41	7	19
204	39	7	21
214	38	7	22
224	36	7	24
234	35	7	25
244	33	7	27
254	32	7	28
264	30	7	30
274	28	7	32
284	26	7	34
294	23	7	36
304	22	7	37

### April 11 1680.

82	22	22	22
92	22	22	22
102	22	22	22
112	22	22	22
122	22	22	22
132	22	22	22
142	22	22	22
152	22	22	22
162	22	22	22
172	22	22	22
182	22	22	22
192	22	22	22
202	22	22	22
212	22	22	22
222	22	22	22
232	22	22	22
242	22	22	22
252	22	22	22
262	22	22	22
272	22	22	22
282	22	22	22
292	22	22	22
302	22	22	22

# May hath xxxi days.

Poll moon 3 day, 43 min. past 3 afternoon

Last quarter 11 day, 53 min. past 10 before noon

New moon 18 day, 16 min. past 3 in the morning

First quarter 25 day, 31 min. past 2 in the morning.

1	b	Phil. & Jac.	Libra	28 21 34	$\delta \delta D. \delta \delta D$
3	C	3 Sun. af. East.	Scorp.	10 22 31	$\Delta \bar{h} D$
3	d	Tres Pasch.		22 23 29	$\delta \times D$
4	e	Monica	Sagit.	3 24 27	Warm with
5	f	Algibz		15 25 24	thunder.
6	g	Joh. Port. Lat.		28 26 22	
7	a	John of Bev.	Capr.	10 27 20	$\delta \odot \delta 4.p.$
8	b	Apparit. Mich.		23 28 17	
9	C	4 Sun. af. East.	Aquar.	5 29 15	Some altera-
10	D	Sun in Gem.		18 0 III 12	tion may now
11	e	Anthony	Pisc.	1 1 9	be expected.
12	f	Gordian		15 2 7	
13	G	Herbatus		29 3 4	D U.
14	a	Boniface M.	Aries	13 4 3	
15	b	Sophia		28 4 39	Fine WARM
16	C	Rogation Sun.	Taur.	13 5 57	Showers.
17	d	Quinq. Pasch.		28 6 54	
18	e	Schreis Bil.	Gem.	13 7 51	
19	f	Bernard.		28 8 49	
20	G	Ascenſ. day	Canc.	13 9 46	Hot with
21	a	Craft. Ascen.		27 10 43	$\delta$ Scat. add.
22	b	Abelme	Leo	10 11 40	thunder.
23	C	Sun. aft. Asc.		23 12 38	
24	d	Term ends	Virg.	6 13 35	
25	e	Urban		19 14 32	$\Delta \delta D. \Delta \delta D$
26	f	Wustin B. C.	Libra	1 15 29	D A.
27	G	Hebaven.		13 16 27	$\delta \delta \delta \delta \delta$ e.
28	a	Jones Ab.		25 17 24	Wet Showery
29	b	S. Chas. 2 N.	Scorp.	6 18 21	Weather.
30	C	Whitunday		18 19 18	Seasonable
31	d	Metronella	Sagit.	0 20 15	now.

See see dame *Tellus* in a comely dress,  
 Neatly stufst with flowers her bosome is:  
 The pretty birds sweet tunes do contribute,  
 To see the fields clad with so gay a suite.

1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	5	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	3	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	47	8	13
30	3	46	8	14
31	3	45	8	14

May 1680.

# June hath xxx days.

Pull moon the 2 day, 27 min. past 6 in the morning  
 Last quarter the 9 day, 16 min. past 6 at night  
 New moon the 16 day, 28 min. past 9 in the morning  
 First quarter the 23 day, 2 min. past 6 at night.

1	e	Damphilius	Sagit.	12	21	13	Good season-
2	f	Ember Week		24	22	10	able weather
3	g	Marcelline	Capr.	7	23	7	♂ h ♀
4	a	Petroch		19	24	4	△ ♫ D. △ ♫ D
5	b	Boniface	Aquar.	2	25	1	begins the
6	c	Trinity Sun.		15	25	58	month.
7	d	Craft. Trin.		28	26	55	□ ♫ D. □ ♫ D
8	e	William Bish.	Pisces	11	27	52	□ ♪ D. □ ♪ D
9	f	Belagia		25	28	49	Gentle show-
10	g	Corp. Christi	Aries	9	29	46	ers.
11	a	S. Barnabas	Terrene	10	25	43	Hot with
12	b	Blandine	Taur.	7	1	40	thunder bat-
13	c	1 Sun. af. Trin.		22	2	37	♂ ♫ D
14	d	Octab. Trin.	Gem.	7	3	35	seasonable.
15	e	Modestus		23	4	32	
16	f	Richard	Canc.	6	5	29	
17	g	Wotolph		21	6	26	
18	a	Marcus	Leo	5	7	23	
19	b	Servatius		18	8	20	Very hot and
20	c	2 Sun. af. Trin.	Virg.	2	9	17	dry.
21	d	Quind. Trin.		14	10	14	
22	e	Elban		27	11	11	D. ♀.
23	f	Pravulin	Libra	9	12	8	♂ h ○ ♂. p.
24	g	S. John Bapt.		23	13	5	Heat abated
25	a	Loy Bishop	Scorp.	3	14	2	but high wind
26	b	Joh. & Paul		15	14	59	with showers.
27	c	3 Sun. af. Trin.		26	15	56	
28	d	Tref. Trin.	Sagit.	8	16	53	♂ - h ♀ 12. p.
29	e	S. Peter Ap.		21	17	50	
30	f	Ter. ends	Capri.	3	18	48	

Furiously now doth Phæbus mount on high,  
 I'th' Crabb-fish appearing with majesty;  
 Turns the pleasant green into withered hay,  
 Which bids the Mower time not to delay.

June 1680.

		sun-setting.	
1	3	45 8	14
2	3	45 8	15
3	3	45 8	15
4	3	45 8	15
5	3	44 8	16
6	3	44 8	16
7	3	44 8	16
8	3	43 8	17
9	3	43 8	17
10	3	43 8	17
11	3	43 8	17
12	3	43 8	17
13	3	43 8	17
14	3	43 8	17
15	3	43 8	17
16	3	44 8	16
17	3	44 8	16
18	3	44 8	16
19	3	45 8	15
20	3	45 8	15
21	3	45 8	15
22	3	46 8	14
23	3	46 8	14
24	3	46 8	14
25	3	47 8	13
26	3	47 8	13
27	3	48 8	12
28	3	49 8	11
29	3	50 8	10
30	3	51 8	9

July hath xxxi days.

Full moon 1 day, 29 min. past 7 at night  
 Last quarter 9 day, 1 min. after 12 in the morning  
 New moon 15 day, 29 min. past 6 at night  
 First quarter 23 day, 14 min. past 11 before noon  
 Full moon 31 day, 11 min. past 7 in the morning.

1	<b>g</b>	Womwald B.	Capr.	16	19 45	S h D
2	<b>a</b>	Visit Mary		29	20 42	Wet weather
3	<b>b</b>	St. Catherina	Aquar.	12	21 39	△ ♦ D
4	<b>c</b>	4 Sun. af. Trin.		25	22 36	□ ♦ D. △ ♀ D
5	<b>d</b>	Ancelma	Pisces	8	23 33	and not very
6	<b>e</b>	Berburgara		22	24 30	hot.
7	<b>f</b>	Demetria	Aries	6	25 28	D ♂.
8	<b>g</b>	Gzambold A.		20	26 25	Heavy showers
9	<b>a</b>	Gdilburg	Taur.	4	27 22	now and then
10	<b>b</b>	Sev. Brethren		18	28 19	bad for har-
11	<b>c</b>	5 Sun. af. Trin.	Gem.	2	29 16	vest.
12	<b>d</b>	Sun in Lee		16	0 ♈ 14	
13	<b>e</b>	Inacletus	Canc.	1	1 11	
14	<b>f</b>	Bonabent.		15	2 8	○ h D
15	<b>g</b>	Gwithin B.		29	3 5	
16	<b>a</b>	Osmond	Leo	13	4 3	* ♦ D
17	<b>b</b>	Blegius		26	5 0	
18	<b>c</b>	6 Sun. af. Trin.	Virg.	10	5 57	
19	<b>d</b>	Dog days be.		22	6 54	Temperate
20	<b>e</b>	Margaret	Libra	5	7 52	D ♂.
21	<b>f</b>	Daniel		17	8 49	now.
22	<b>g</b>	Mary Mag.		19	9 47	D Apogzon.
23	<b>a</b>	Apollinaris	Scorp.	11	10 44	* ♂ ♀ 7. 2.
24	<b>b</b>	Christina fa.		23	11 41	
25	<b>c</b>	S. James Ap.	Sagit.	4	12 39	
26	<b>d</b>	Anna		16	13 36	
27	<b>e</b>	Pantaleon		39	14 34	
28	<b>f</b>	Celsus	Capr.	11	15 31	windy and
29	<b>g</b>	Martha		24	16 29	very uncer-
30	<b>a</b>	Abdon	Aquar.	7	17 26	△ ♀ D. ♀ ♀
31	<b>b</b>	Eguation		20	18 24	tain with rain

Gallant Phœbus now Heavens brightest torch,  
 The fragrant fields with fervent heat doth scorch,  
 Who now the jolly Reapers do invite,  
 Their pains to bellow *Ceres* will require.

		Sun-rising.	Sun-setting.	
1	3	53 8	7	
2	3	54 8	6	
3	3	55 8	5	
4	3	56 8	4	
5	3	57 8	3	
6	3	58 8	2	
7	3	59 8	1	
8	4	0 8	0	
9	4	1 7	59	
10	4	2 7	57	
11	4	4 7	56	
12	4	5 7	55	
13	4	7 7	53	
14	4	8 7	52	
15	4	10 7	50	
16	4	11 7	49	
17	4	13 7	47	
18	4	15 7	45	
19	4	17 7	43	
20	4	19 7	41	
21	4	21 7	39	
22	4	22 7	38	
23	4	24 7	36	
24	4	26 7	34	
25	4	27 7	33	
26	4	29 7	31	
27	4	30 7	30	
28	4	32 7	28	
29	4	33 7	27	
30	4	35 7	25	
31	4	37 7	23	

July 1680.

# August hath xxxi days;

Last quarter 7 day, 17 min. past 5 in the morning  
 New moon 14 day, 28 min. past 5 in the morning  
 First quarter 22 day, 56 min. past 2 in the morning  
 Full moon 29 day, 54 min. past 5 in the afternoon.

1		Lammas day	Pisces	4 19 21	A clear tem-
2		Stephen M.		18 20 19	△ h D. □ ♦ D.
3		Invent. Steph	Aries	2 21 17	perate air at
4		Tristarchus		16 22 14	□ ♀ D. D ♀
5		Oswald	Taur.	0 23 12	the beginning.
6		Trans. Chr.		14 24 10	
7		Donatus		28 25 7	
8		9 aft. Trin.	Sem.	12 26 5	♂ ♀ D.
9		Romanus		26 27 3	Seasonable.
10		Lawrence	Canc	10 28 1	
11		Titus		24 28 59	
12		Clare Virg.	Leo	8 29 57	
13		Sun in Virgo		22 0 54	
14		Eusebius	Virg.	5 1 52	
15		10 aft. Trin.		18 2 50	
16		Noch M.	Libra	0 3 48	D ♀.
17		Hammer		13 4 46	Moist and
18		Helena Emp.		25 5 44	temperate.
19		Oswald	Scorp.	7 6 42	♂ h ♀ o.
20		Bernard		19 7 41	
21		Richard Bif.	Sagit.	0 8 39	
22		11 aft. Trin.		12 9 37	
23		Zacharias fab		24 10 35	Good weather
24		S. Barthol.	Capr.	7 11 33	may end the
25		Lewis King		19 12 32	month.
26		Irenicus	Aquar.	2 13 30	♂ ⊖ ♀ o.
27		Dog days end		15 14 38	□ ♀ ♀ 12 p.
28		Mogulung		29 15 27	
29		12 aft. Trin.	Pisces	13 16 25	△ h D. □ ♦ D
30		Felix		27 17 23	△ ♀ D. D ♀
31		Adrian	Aries	1 18 22	

Now *Sol* space declines your labour follow,  
 Or when Winter's come you'll toil in sorrow:  
 And as with merry glee the welcome Cart you drive,  
 Remember Him who doth this plenty give.

1	4	38	7	22
2	4	<i>Sun</i> .	7	21
3	4	41	7	19
4	4	<i>Wif</i> .	7	17
5	4	<i>W.</i>	7	16
6	4	46	7	14
7	4	48	7	12
8	4	50	7	10
9	4	52	7	8
10	4	54	7	6
11	4	56	7	4
12	4	58	7	2
13	5	0	7	0
14	5	2	6	58
15	5	4	6	56
16	5	6	6	54
17	5	8	6	52
18	5	10	6	50
19	5	12	6	48
20	5	14	6	46
21	5	16	6	44
22	5	18	6	42
23	5	20	6	40
24	5	22	6	38
25	5	24	6	36
26	5	26	6	34
27	5	28	6	32
28	5	30	6	30
29	5	32	6	28
30	5	34	6	26
31	5	36	6	24

August 1680.

# September hath xxx days.

Last quarter 5 day, 54 min. past 10 in the morning

New moon 1 $\frac{1}{2}$  day, at 21 min. past 7 at night

First quarter 20 day, 54 min. past 10 at night

Full moon 28 day, 51 min. past 3 in the morning.

1	f	Giles Abbot	Aries	16	19 10	Tempestuous
2	g	Geaphis	Taur.	31	20 19	but continues
3	a	Lupus		25	21 18	* h. D. * d. D
4	h	Transl. Cuthb.	Gem.	9	22 16	not long.
5	c	13 aft. Trin.		23	23 15	
6	d	Aggnus	Canc.	7	24 13	
7	e	Transl. Dunst.		21	25 12	
8	f	Nat. of Mary	Leo	4	26 11	
9	g	Gorgonius		18	27 10	○ ○ ♀ 8. m.
10	a	Pisholes	Virgo	1	28 8	very uncer-
11	b	Jacynthus		14	29 7	■ ♀ D
12	c	Sus in Libra		26	0 6	cain moist
13	d	Amotus	Libra	9	1 5	weather.
14	e	Exalt. Crucis		21	2 4	
15	f	Ember week	Scorp.	3	3 3	Windy with
16	g	Cornelius		15	4 2	warm rain,
17	a	Stephen		27	5 1	♀ Star ad Dir.
18	b	Winock	Sagit.	9	6 0	
19	c	15 aft. Trin.		20	6 59	■ ♀ D
20	d	Gustachius	Capr.	2	7 59	
21	e	S. Matthew		15	8 58	
22	f	Maurice		27	9 57	
23	g	Linus	Aquar.	10	10 56	
24	a	Winebold		23	11 56	
25	b	Colfride	Pisc.	7	12 55	♀ Star. ad re.
26	c	16 aft. Trin		21	13 55	□ h ♀ 4 p.
27	d	Col. & Dam.	Aries	5	14 54	D ♂.
28	e	Loba		20	15 53	Cold appro-
29	f	S. Nich. A. d.	Taur.	5	16 53	ches now.
30	g	Sperome		20	17 53	

Sol now i' th' Ballance equall light doth give  
 To all on each side, and that under live;  
 Then as of his equall ray you partake,  
 Remember equity not to forsake.

1	5	39	6	22
2	5	40	6	20
3	5	42	6	16
4	5	44	6	16
5	5	46	6	14
6	5	48	6	12
7	5	50	6	10
8	5	52	6	8
9	5	54	6	6
10	5	56	6	4
11	5	58	6	2
12	6	0	6	0
13	6	2	5	58
14	6	4	5	56
15	6	6	5	54
16	6	8	5	52
17	6	10	5	50
18	6	12	5	48
19	6	14	5	46
20	6	16	5	44
21	6	18	5	42
22	6	20	5	40
23	6	22	5	38
24	5	24	5	36
25	6	26	5	34
26	6	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

September 1680.

October hath xxxi days.

Last quarter 4 day, 50 min. past 6 afternoon  
 New moon 12 day, 54 min. past 11 beforenoon  
 First quarter 20 day, 36 min. past 3 afternoon  
 Full moon 27 day, 40 min. past 1 afternoon.

1	a	Mesigius	Gem.	5	18	52	
2	b	Geðegar		20	19	52	♂ ♀ D. * ♂ D
3	c	17 Su. af. Trin.	Canc.	4	20	51	High winds
4	d	Francis		18	21	51	and turbulent.
5	e	Blacodus	Leo	1	22	51	◻ h ○ 6. m.
6	f	Bruno		15	23	51	
7	g	Mark		28	24	50	Cold cloudy
8	a	Demetrios	Virg.	10	25	50	weather
9	b	Dionysus		23	26	50	
10	c	18 Su. af. Trin.	Libra	5	27	50	D ♂.
11	d	Alceasus		18	28	50	◻ h D. * D ♂
12	e	Wolfrid		29	29	50	◻ h ♀ 5. m.
13	f	sun in Scorp.	Scorp.	11	cm	50	Winterlike
14	g	Calixtus		23	1	50	weather
15	a	Teresa	Sagit.	5	2	50	creeps on a-
16	b	Gallus		17	3	50	pace.
17	c	19 Su. af. Trin.		29	4	50	
18	d	S. Luke Evans.	Capr.	11	5	50	
19	e	Ptolomy		23	6	51	
20	f	Tref. Mich.	Aqua.	6	7	51	
21	g	Apollonius		18	8	51	
22	a	Cordula	Pisc.	1	9	51	
23	b	Term begins		15	10	52	D ♂.
24	c	20 aft. Trin.		29	11	52	◻ ♂ ♀ 7. p.
25	d	Trispine	Aries	13	12	53	♂ ○ ♀ 10. m.
26	e	Barthomas		28	13	53	Very wet and
27	f	Mens. mich. fa.	Taur.	13	14	53	slabby to the
28	g	Sime. & Jude		29	15	54	end.
29	a	Zmarandus	Gem.	14	16	54	
30	b	Agelnoth		29	17	55	
31	c	21 Su. af. Trin.	Cang.	14	18	56	Δ h ♀ 10. p.

Set now with's gallant train in haste doth march,  
 To visit the plains of the Southern-arch:  
 His absence now we may with grief bewail,  
 And fear the threats of Scorpio's stinging tail.

	6	39	5	21
1	Sun	41	5	19
2	Sun-rising	43	5	17
3		45	5	15
4		47	5	12
5		49	5	11
6		50	5	10
7		52	5	8
8		54	5	6
9		56	5	4
10		58	5	2
11		0	5	0
12		2	4	58
13		4	4	56
14		6	4	54
15		8	4	52
16		10	4	50
17		12	4	48
18		14	4	45
19		15	4	45
20		17	4	43
21		19	4	41
22		20	4	40
23		22	4	38
24		24	4	36
25		25	4	35
26		27	4	33
27		29	4	31
28		30	4	30
29		32	4	28
30		33	4	27

October 1680.

November hath XXX days,

Last quarter 3 day, 5 min. past 6 in the morning  
 New moon 21 day, 30 min. past 6 in the morning  
 First quarter 19 day, 21 min. past 6 in the morning  
 Full moon 25 day, 35 min. past 11 at night.

1	D	All Saines	Canc.	28	19 56	♂ ♀ D
2	E	All souls	Leo	11	20 57	Sharp air
3	F	Craft. anim.		25	21 57	with frost.
4	G	Vitalis	Virg.	7	22 58	□ ♀ D. ♂ ♂ D
5	H	Powder plus		20	23 59	■ ♀ D. D. ⚡
6	I	Leonard	Libra	2	25 0	♂ ♀ ♀ 3. p.
7	C	22 Su. af. Trin.		14	26 0	
8	D	Hebertus		25	27 1	Windy stormy
9	E	Claudius	Scorp.	8	28 2	weather.
10	F	Triphon		20	29 2	
11	G	Six in Sagit.	Sagit.	2	0 3	
12	H	Craft. Mart.		14	1 5	
13	I	Julianus		26	2 6	
14	C	23 Su. af. Trin.	Capr.	8	3 7	
15	D	Leopold		20	4 7	Cold winder-
16	E	Edmond	Aquar.	2	5 8	like.
17	F	Clement		15	6 10	
18	G	Ostab. Mart.		28	7 11	
19	H	Penton	Pisces	11	8 12	
20	I	Edmond K.		24	9 13	.D. ⚡.
21	C	24 after Trin.	Aries	3	10 14	
22	D	Clesly Virg.		22	11 15	♂ ○ ♀ 3. p.
23	E	Clement	Taur.	7	12 16	
24	F	Chrysogonus		22	13 17	
25	G	Quind. Mart.	Gem.	7	14 18	♂ ♀ D
26	H	Peter B. M.		22	15 19	High winds
27	I	Oba Virg.	Canc.	7	16 20	but not very
28	C	Advent Sund.		22	17 22	cold.
29	D	Term ends	Leo	6	18 23	
30	E	S. Andrew		20	19 24	

Sagittarius now his darts doth throw,  
 Headed with Ice, and feathered with Snow;  
 His cold sharp arrows make us fear and quake,  
 Vulcan's cheering presence loath to forsake.

1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	5
13	7	57	4	3
14	7	59	4	2
15	8	10	4	0
15	8	1	3	59
17	8	2	3	58
18	8	3	3	57
19	8	4	3	56
20	8	5	3	55
21	8	6	3	54
22	8	7	3	53
23	8	8	3	52
24	8	9	3	51
25	8	10	3	50
26	8	11	3	49
27	8	12	3	48
28	8	13	3	48
29	8	13	3	47
30	8	14	3	46

November 1680.

# December hath xxxi days.

Last quarter 1 day, 16 min. past 9 at night

New moon 11 day, 17 min. past 2 in the morning

First quarter 18 day, 44 min. past 6 at night

Full moon 25 day, 11 min. past 10 in the morning.

1	f	Bibiana	Virgo	4	20 25	□ ♐ D
2	g	Lucius King		17	21 26	♂ ♂ D
3	a	Cæsaritus		29	22 28	D ♂.
4	b	Barbara	Libra	11	23 29	Warm for the
5	c	1 sund. Adv.		23	24 30	season.
6	d	Nicholas	Scorp.	5	25 31	Dark cloudy
7	e	Bimbosse		17	26 33	△ h D
8	f	Conce. of M.		29	27 34	♂ ♐ D
9	g	Neocadia	Sagit.	11	28 35	weather with
10	a	Damascus		22	29 37	snow or rain.
11	b	Sun in Capri.	Capr.	5	0 19 38	
12	c	3 sun. in Ad.		17	1 39	
13	d	Lucia		29	2 41	Variable un-
14	e	Abraham	Aqua.	12	3 42	certain wea-
15	f	Ember week		25	4 43	ther.
16	g	O Sapientia	Pisces	7	5 44	Q Scar. ad Di.
17	a	Lazarus		20	6 46	
18	b	Winebald	Aries	4	7 47	
19	c	4 sun. in Ad.		18	8 48	D ♀
20	d	Julius fast	Taur.	2	9 50	△ ♐ ♀ s. 2.
21	e	S. Thomas		16	10 51	
22	f	30 Martyrs	Gem.	1	11 52	Rain like.
23	g	Victoria		15	12 54	
24	a	Do. & C. fast	Canc.	0	13 55	
25	b	Christ's birth		16	14 56	
26	c	S. Stephen	Leo	0	15 58	Cold and
27	d	S. John		15	16 59	frosty.
28	e	Innocents		29	18 0	
29	f	Crescens	Virgo	12	19 1	♂ h ○ 13. p.
30	g	David K.		25	20 3	D ♂.
31	a	Gilbert.	Libra	8	21 4	

But little cheering heat now can we find,  
 From Sol's warm ray, being so far declin'd;  
 The Southern throng now glowing heat enjoy  
 Whil'st we for cold on sloathfull beds do lie.

1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	3	13	3	47
25	3	12	3	48
26	3	11	3	49
27	3	10	3	50
28	3	9	3	51
29	3	8	3	52
30	8	7	3	53
31	13	6	3	54

December 1680.

Dove 1680.

A Regal Table is a Table exact made.

The Year, Moneth, and Day, (accounting the Year to be begin Jan. 1.) whereon every K. and Q. of Eng. since the Conq. began their reign.	The number of Years, Moneths, Sc Days, that eve- ry K. & Q. reign. 18 da. to a mon.	The num. of y. expired in this y. since they began to reign : as also since they ended.
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K. W. Conq.	1066 Octob. 14	20 y 11 m 22 d	614 W Conq.
W. Rufus	1087 Sept. 9	12 y 11 m 18 d	593 W. Rufus
Henry	1100 August 2	35 y 4 m 11 d	535
Stephen	1134 Decem. 1	18 y 11 m 18 d	545 Henry
Henry	1154 Octob. 25	34 y 9 m 2 d	526 Stephen
Richard	1189 July 6	9 y 9 m 0 d	491 Henry
John	1199 April 6	17 y 7 m 0 d	481 Richard
Henry	1216 Octob. 19	56 y 1 m 0 d	454 John
Edward	1272 Nov. 16	34 y 8 m 6 d	408 Henry
Edward	1307 July 7	19 y 7 m 5 d	373 Edward
Edward	1327 Jan. 25	50 y 5 m 7 d	354 Edward
Richard	1377 June 21	22 y 3 m 14 d	303 Edward
Henry	1399 Sept. 29	13 y 6 m 3 d	281 Richard
Henry	1413 Marc. 20	9 y 5 m 24 d	267 Henry
Henry	1422 Aug. 31	38 y 6 m 16 d	258 Henry
Edward	1451 March 4	22 y 1 m 8 d	220 Henry
Edward	1483 April 9	0 y 2 m 18 d	197 Edward
Richard	1483 June 22	2 y 2 m 5 d	197 Edward
Henry	1485 Aug. 23	23 y 10 m 24 d	195 Richard
Henry	1509 April 22	37 y 10 m 2 d	171 Henry
Edward	1547 Jan. 28	6 y 5 m 19 d	134 Henry
Q. Mary	1553 July 6	5 y 4 m 22 d	127 Edward
Q. Elizab.	1558 Nov. 17	44 y 4 m 15 d	122 Q. Mary
K. James	1603 Mar. 24	22 y 0 m 3 d	78 Q. Elizab.
Charles	1625 Mar. 27	22 y 10 m 3 d	55 K. James
Charles	1649 Jan. 30	Longlive the King	31 K. Charles

The use of this Table in Example.

King **Henry** 8 began his Reign in the year of Christ 1509, April 21. He Reigned 37 years, 10 moneths, and 2 days. It is since he began his Reign 171 years compleat the 22 of April this year 1680. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 134 years since he died, January 28. And so of the rest.

DOVE.

Dove 1680.

The latter part of this  
**ALMANACK**  
For the year of our  
Lord God 1680:

Being the Bissextile or Leap-year.

Wherein are contained the Eclipses  
with some observations thereon and other  
Coelstial observations a rational account  
of the nature and qualities of the Planets,  
the Numbers, Weights, and Measures  
used in England; a Tide-Table, a brief  
Table of Accounts exemplified in its uses,  
A Table of Interest.

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Quoniam video Carlo tuos opira digitorum tuorum:  
Lunam & Stellas quas tu fundasti, quid est  
homo, quod memores eiusdem aut filius hominis, quo-  
niam viximus eum. Psal. 8. 3.

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**C A M B R I D G E,**  
Printed by John Hayes, Printer to the  
University, 1680.

Doye 1680.

of the Eclipses this year.

There will be but two Eclipses this year, and both those of the Sun.

The first happeneth on the 10 day of March at our 10 of the clock beforenoon, it falls in the 11 degree of Aries and will be a great Eclipse in it self, the Moon being in her South Node having but very little Latitude, and so it will appear to those that inhabit the South part of America, the Holy Island, the Cape of St Vincent, &c. therefore both in observation and effect the most to be regarded of them, but to us by reason of the greatness of the Moons parallax it will scarcely be visible.

The second Eclipse will be on the 13 day of Septemb. at 8 at night, and therefore not visible to us, the Sun being under our Horizon before the Moon begins to vail his face. It happeneth in the beginning of the Equinox, and will appear a very great Eclipse to such as navigate near the Port of S. Peter, the Island of Parao, &c. these Eclipses being of such forreign concernment both in observation and effect, I think it needless to proceed further in their consideration.

These Eclipses happen the one before the Sun's Apogzon, the other after, and that within six months of one another, which when they do happen so, Astronomers take it for a rule that there can be no Lunar Eclipse that year, and when those of the Sun are centrall as here. And although the Sun be much greater than either the Moon or the Earth, yet by reason of the nearness of the Moon to the Earth she may appear sometimes to be greater, and when she is nighest and the Sun furthest or in his Apogzon: if a centrall Eclipse happen then, the Sun may seem totally eclipsed to some parts of the Earth, but when ☽ is nearest & ☽ in Apogzo or at the furthest distance, and if the Eclipse then be centrall there will appear a round ring about the Moon as she is under the Sun, which makes it appear that he is greatest, she being not able then totally to obscure his face, the Moons Parallax likewise will cause the Eclipse to be seen in some places and not in others, as here.

Of

Done 1680.

Of the Near and True Conjunctions of the Sun, and Moon,  
and of the true and visible place of the Moon or Stars.

The Conjunctions are said to be mean when the two  
lines of both their mean movings do meet in one  
self point of the Zodiack, making one self line, and  
they are said to be true when the lines of their true mo-  
vings do make one self line in one self degree of the  
Zodiack, so likewise for their oppositions.

The true place of the Moon or any Star is a point in  
the outermost Heaven, determined by a right line drawn  
from the very center of the earth through the body of D  
or Star unto the said outermost Heaven, and the visible  
place is a point in that heaven determined by a right line  
drawn from our eye through the body of the Luminary  
to the said point, and the distance contained between  
these two points is called the Parallax. And note that  
the visible place of the Moon is always lower than her  
true place, unless she be in the Zenith, and then she hath  
no Parallax, and the further she is from the Earth the  
lesser her Parallax, the nearer the greater; there is a three-  
fold Parallax, first simple, 2 according to Longitude,  
3 according to Latitude, and if the Moon be in the Non-  
agesime degree or 90 degree all one ( which is a point  
in the Ecliptick, dividing the semicircle thereof which  
is above the Horizon into two equal parts or Quadrants  
being in the very midst between East and West ) then  
there is no Parallax of Longitude but onely of Latitude,  
and when the Ecliptick passeth through the Zenith, there  
is no Parallax of Latitude but onely of Longitude.

A Rule how to know whether the Moon be in the 90 deg.

Observe the horns of the Moon, and if both the Tips  
of the horns do rightly and perpendiculariter hang  
over one another as thus C or thus D when she is in the  
90 degree of the Ecliptick above the Horizon: but if the  
upper horn incline more to the East than the nether doth,  
as thus M then she is short of the Nonagesime degree,  
but if the upper horn be more to the West, then is she  
past the 90 degree as thus N.

Dove 1680.

Some Celestial observations for this year.

ON the 22 of January ♀ being at her greatest Oriental distance from the Sun may be seen very bright in mornings above two hours before the Sun's rising; ♀ also may be seen attending on her at the latter end of the month and all February; but he continues above 20 degrees behind her approaching every day nearer and nearer the Sun, and on the 19 of March becomes in conjunction with him. On the latter end of January he may be seen near the Swans bill, in February nearest the Swans breast and tail, on the 26 of April he will be at his greatest Occidental distance from the Sun and may be seen in evenings very near the seven Stars having been in conjunction with the brightest of them on the 29 day, he is bright and of a splendid light.

Mars is a morning Star from April to the end of the year rising very early and long before the Sun in November and December; he is of a fiery colour and may be seen with the Pleiades on the first of June, above an hour before the Sun rises.

Jupiter may be seen upon the Meridian in January soon after the Sun sets he will then be in the 1 and 4 degrees of ☽, in March and April he will be an evening Star, and on the 3 of May being in conjunction with the Sun becomes Oriental and a morning Star rising every day longer and longer before the Sun.

Mars is Occidental till the beginning of February and then becomes Oriental, and so remains to the years end.

A brief and Rational account of the Natures,  
Qualities, and Sexes of the Planets.

THE strength and operation of the Planets are distinguished according to their first Qualities, three ways, 1 in Nature, 2 in Quality, 3 in Sex, according to their Nature they are counted hot and cold, dry and moist, from whence it comes to pass that some are counted beneficial and wholesome, some hurtfull and destructive

fructive, fruitfull and barren : but we must not think that these qualities are truely in them, but rather such virtues effecting such qualities, for according to their innate force, and greatness of heat they or any other Stars induce such qualities in the Elementis or elementated bodies by their irradiation and motion.

The Sun the fountain and original of heat and light is placed by late Astronomers in the center of the World moving about his own axis, and by virtue of this motion are the rest of the Planets moved ; he by his great vigor and fervency of heat whirling about the fluid matter, and that the vast bodies of the Planets from whence it is that those that are nearest do move swiftest, as ♀ and ♁ like a whirle-pool those parts that are nighest the middle are with exceeding force whirled about, those further off with less force and slower motion. I shall not now shew the reasons that induced some to count the Sun to be the center of the Universe but onely speak of the Nature of the Planets.

*Sol* is counted moderately hot and a little dry : & therefore heats and gently dries.

*Mercury* the next above the Sun performing his revolution in 88 days is of a variable nature, sometimes dry by reason of his nearness to the Sun, sometimes moist by reason of his nearness to the Earth and Moon ; for he is not always at a distance.

*Venus* the next above ♀ performing her revolution in 225 days, she is hot but more moist, for being near the Sun she is judged to be hot, but being of a great magnitude and near to the Earth she attracts many vapours by which the Air is refrigerated, and her heat is made less ; and for this reason is counted more moist.

The Moon being a secondary Planet moves about the Earth in 27 d. 7 h. 43 m. She is counted moist, because being nearest the Earth she has a greater influence upon it attracting the moist humors, & inciliens the Air, making the subjected bodies soft. She has likewise some force in heating by reason of her light & heat received from the ☽.

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*Mars* is said to be hot and dry intemperately by reason of his nearness to the Sun ( being the nighest of the three upper Planets, and according to *Copernicus* next above the Earth ) and of his more solid substance, and fiery heat, and therefore the vapours he draws from other Stars he dissipates and consumes, he performs his revolution in 1 year 321 days, and 23 hours.

*Jupiter* performs his revolution in 12 years 317 days 15 hours, he is said to be hot and moist temperately, and therefore who'some b' cause he is in the midst between  $\text{H}$  who is cold, and  $\mathcal{J}$  intemperately hot and boiling; but because of the greatness of his body and light he attracts the vapours and moisten; but not many, being so far distant from the Earth.

*Saturn* is the highest of the Planets, and performs his revolution in 29 years 174 days, 4 hours: he is said to be cold and a little dry, because he being the furthest distant from the Sun but weakly receives his rays, and therefore affords but a weak heat, which in respect of us is but to cool: and being furthest from the Earths humid vapours, he does a little compels them with his weak heat, and so dries.

From what hath been said it may appear why some Stars are counted good and fortunate, some hurtfull and destructive, for  $\mathcal{P}$  and  $\mathfrak{Q}$  being temperately hot and moist, are counted good and fortunate, but  $\mathcal{P}$  is counted most beneficent, because heat is perfectly predominant in him, but  $\mathfrak{Q}$  being less temperately hot by reason of the abundance of her moisture is counted less fortunate.

The Moon by reason of her weak heat and exuberance of humidity is judged less beneficent and fortunate, but at full she is esteemed more beneficent, because then she has heat in some degree proportional to her moisture.

*Saturn* and *Mars* are said to be hurtfull and destructive;  $\text{H}$  by reason of his abounding cold, and worter nature is judged more unfortunate:  $\mathcal{J}$  being most fervent and exceeding dry is counted the less unfortunate.

The Sun and *Mercury* are judged to be of a variable and

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and middle nature, good with good, and evil when in conjunction with evil.

The Planets likewise according to their Qualities are counted some diurnal, some nocturnal, those are said to be diurnal which do exert their operations chiefly in the day, as the Sun, and they that incline to his nature, as ☀ and ☽ and the one of these is counted beneficent, the other hurtfull: the nocturnal are those that operate most in the night, as the Moon, and those of her nature as ♃ and ♀, and one of these is said to be good and wholesome, the other pernicious and destructive. ♁ is counted variable, sometimes diurnal, sometimes nocturnal.

The Planets also are said to be of such a Sex either Masculine or Feminine, the more mighty and valid are masculine, the weaker are feminine. As in all things the males are most valid & vigorous, the females more weak and timorous; the masculine Planets are ☀ ☊ ☎ because heat is predominant in them: but ☽ and ♀ are feminine, because in them humidity is predominant.

The Planets are also judged to be more pure in their Apogees, because then they are nearest the first Sphere and furthest from all gross matter; but in their Perigees they are esteemed less pure but more robust and strong being then nearest to the passive subject.

I shall not proceed to shew you the nature of such as are born under the Planets, because it has been done formerly: but onely advertise you concerning it and tell you why such are said to be born under such Planets, and therefore are of such a temper and inclined to such and such vices or virtues; in a word then Genethlial Astrologers observe the time of Nativity, and by erecting a figure at that instant find the ruling Planet, and according to his nature and quality predict of the nature quality, and fortune of the Person then born, from whence it comes to pass that some to extenuate their vices pretend absolute necessity of following their corrupt inclinations, as if that would serve for an excuse, but it is not the Stars but our native corruption which must be blamed.

blamed, and we our selves must bear the punishment due to our wickedness: the Stars indeed may have a general influence upon elementary subjects as to change the disposition of the Air, &c. but to seek our fortunes from the Stars is too curious if not Unchristian, we should rather stay our selves in the wonderfull Providence of our Great Creator, and rest in those things that may be known, and which are demonstrable by the principles of Nature.

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*Of the Nature of the fixed Stars.*

**T**Heir force and efficacy are many ways considered and esteemed.

1. According to their Magnitude, the greater are judged more efficacious, the lesser more weak.

2. According to their Light, the more lucid effect most those that twinkle much are judged to effect great conurbations, these of solid light are efficacious, the obscure and cloudy ones cause obscure and evil effects.

3. According to their Colour, those of a candid and splendid colour are of the nature of ♀, those that are clear and splendid & a little red retain the nature of ♂.

The most splendid and yellowish the nature of ♈, the white pale and dull the nature of ♉, the red of ♂, the leaden ♀, the splendid ashy of ♀, the nebulous and maculous of ♉ ♂, the dark of ♉ ♀.

The fixed Stars are also esteemed according to the part of the Heavens they are in.

Those in the Zodiac are judged more strong and efficacious than the ether, because being in conjunction with the Planets they receive of their force and quality.

These likewise of North declination are preferred before the Southern thus much may suffice concerning the Natures of the Stars, much may be said, but the Stars being at such a vast distance, their natures can be but conjectured at; and not absolutely and undeniably concluded to be so, and therefore I say no more.

Dove 1680.

A Table whereby you may find the time of highwater at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Ports- mouth, Isle of Wight, Spits, Kentish- knock.	H. o. M. o.
S. by w.	Rochester, Malden, Aberdeen, Redband.	o 45
S S. w.	Gravesen, Downs, Rumney, Tennen, Silly.	1 30
S. w. by S.	Dundee S. Andr, S Lucas, Bellfle, Holyill.	2 15
S. w.	Lond, Timmout, Hartpool, Whitebay, Aml.	3 0
S. w. by w.	Bawie, Flambrough-h. Bridlington bay.	3 45
W. S. w.	Scarboroug, Severn, Mounts bay, Kingslak.	4 30
W. by S.	Newcast, Humber, Falmouth, Dartmont.	5 15
E. and w.	Plimouth, Weymou, Hull, Lyn, Antwerp.	6 0
E. by S.	Bristol, Fulness at the start.	6 45
B. S. E.	Miltord, Bidgew. Landsen, Waterford.	7 30
SE. by E.	Portlan, Peterport, Harflew, Higue, Dubl.	8 15
S. E.	Pool, S. Hellen Oikney, Catnes, Man Isle.	9 0
SE. by S.	Needles, Iaisto, North & South forelands	9 45
S. S. E.	Yarmout, Dover, Harwich, Calice-Road.	10 30
S by E.	Ry, Winchelsey, Gorce, Thames, Rhodes	11 15
Moons age.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 29 27 28 2, 30	Moon age
is South at	12 1 2 3 4 5 6 7 8 8 9 10 11 12 48 36 24 12 0 48 36 24 12 0 48 36 24 12 0	H. M.

### The Tide Table Explained.

IN the first Column you have the point of the Compass to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in the

Dove 1680.

the third Column are the hours and minutes to be added to the time of the Moons southing. I shall make it plain by an example.

The 6 of March, this year 1680 I would know at what hour it will be full Sea at London-bridge. First find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 15 days old, which age I find at the bottom of the Tide-table, and under the same 13 hours, the time of the Moons coming to the South, then finding in the first Column that a South-west Moon makes full Sea at London. I add to her southing 3 hours as is shewed in the last Column, and it makes 15 hours, from whence I take 22 for midnight & there remains 3 hours in the morning, the time of full Sea at London-Bridge; also observe that when the Moon cometh to the contrary (or North-east) point it is there full Sea again.

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*Of some measures, weights, and numbers  
used in England.*

Ale and Beer is measured by Pints, Quarts, Pottles, Gallons, Firkins, Kilderkins, and Barrels; yet with this difference, that the Barrel of Beer contains 36 Gallons, the Barrel of Ale but 32 Gallons.

First therefore you are to understand, that in Beer-measure one Barrel is 2 Kilderkins, 4 Firkins, 36 Gallons, 72 Pottles, 144 quarts, 288 Pints.

Secondly, one Kilderkin is 2 Firkins, 18 Gallons, 36 Pottles, 72 Quarts, or 144 Pints.

Thirdly, one Firkin is 9 Gallons, 18 Pottles, 36 Quarts, 72 Pints.

Fourthly,

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Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.  
Fifthly, 1 Pottle is 2 Quarts, 4 Pints. One Quart is  
Pints.

But in Ale measure, one Barrel is 2 Kilderkins,  
Finkins, 32 Gallons, 64 Pottles, 128 Quarts, 256 Pints.  
Secondly, 1 Kilderkin is 2 Finkins, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.

Thirdly, 1 Finkin is 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, 8 Pints.

Fifthly, 1 Pottle is 2 Quarts, or 4 Pints 1 Quart 2 Pints.

## *Of Wine, oyl, and boney.*

A Galon of Wine contains 8 pound Troy weight, by which the following vessels are measured; namely, 1 Tun makes 1 Butt, 4 Hogsheads, 8 Barrels, 16 Rundlets, 32 Gallons, 504 Pottles, 1008 Quarts, or 2016 Pints.

Secondly, 1 Butt or Pipe is 2 Hogsheads, 4 Barrels, 7 Rundlets, 128 Gallons, 252 Pottles, 504 Quarts, or 1008 Pints.

Thirdly, 1 Hogshead makes 2 Barrels, 3 Rundlets & an half, 6 Gallons, 128 Pottles, 252 Quarts or 504 Pints.

Fourthly 1 Barrel makes 1 Rundlet & 3 parts, 1 Gallon and an half, 63 Pottles, 126 Quarts, 252 Pints.

Fifthly, 1 Rundlet is 18 Gallons, 36 Pottles, 64 Quarts or 128 Pints. Lastly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.

## *Of grain.*

All sort of Grain is measured by Troy weight, whereof 8 pounds make a Gallon, of which are made the following measures of Pints, Quarts, Gallons Pecks, and Bushels.

First you are to know, that the greatest measure of any kind

*bove 1680.*

kind of Grain is a Last, which contains 10 Quarters, 20 Cornooks, or Coombs, 40 Strikes, 80 Bushels, 320 Pecks, 840 Gallons, 2560 Quarts, or 5120 Pints.

Secondly, 1 Quarter makes 2 Cornooks, 4 Strikes, 8 Bushels 32 Pecks, 64 Gallons, 256 Quarts, or 512 Pints.

Thirdly, 1 Strike is 2 Bushels, 8 Pecks, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.

Fourthly, one Bushel is 4 Pecks, 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fifthly, 1 Peck is 2 Gallons, 4 Pottles, 8 Quarts, or 16 Pints.

### *Of Iron and Lead.*

Iron is numbered by the pound, hundred, and Tun; and Lead by the pound, hundred, and Fodder. One Tun of Iron is 20 hundred, or 2240 pound; and an hundred weight is 112 pound.

Again, 1 Fodder of Lead is 19 hundred and an half, and an hundred weight is 112 pound.

And here also take notice, that Tin, Copper, and Latin have 112 pounds to the hundred.

### *Of Fish.*

Ling, Cod, or Haberdine, have 124 to the hundred; Stock-Fish and Herring 110 to the hundred, and 1000 to the Last, which is 12 Ale Barrels. Some Statutes measure Salmons, and Eels by Ale measure.

### *Of Furs.*

Grays, Martins, Sables, Jenits, Minks, and Filches, have 4 skins in the Timber, Lamb, Coney, Kid, Cat, and Budge, have five score in the hundred.

Calves skins are reckoned by the dozen, and Goats by the kip, which is 50 skins. A Last of Leather is 20 Dicker, or 200 Hides, a Dicker is 10 Hides,

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### Of Paper and Parchment.

A Bile of Paper is 10 Ream, or 500 Quires; a Ream is 10 Quires, or 500 Sheets; a Quite is 25 Sheets.  
A Row of Parchment is 5 dozen, or 60 Skins; a dozen Skins.

### Of Wooll.

A Stone of Wooll is 14 pound, a Tod 28 pound; 6 Tods and an half make a Wey, which is 182 pound: two Weyes make a Sack or 364 pound; and 12 sacks make a Last, which is 4368 pound: so that a Sack of Wooll contains 26 Stone, and a Last 256 Tods, or 312 Stone.

### Of a year.

A Exact solar year contains 365 days, 5 hours, 49 minutes, and 4 seconds: otherwise it contains 12 solar moneths, 52 weeks, 365 days, 8765 hours, or 52,5949 minutes.

### Of Weights in general.

OF Weights there are two sorts used in England, viz. Troy weight and Avoirdupois. In Troy weight 24 grains of wheat make a penny weight, 10 penny weight make an ounce, 12 ounces a pound. by this weight are weighed Pearls, pretious Stones, Gold, Silver, Bread, and all manner of Corn and Graine.

The pound Avoirdupois contains 16 ounces, but the ounce Avoirdupois is lighter then the ounce Troy by almost one 12 part, so that 60 pound Avoirdupois is equal to 73 pound Troy; by this weight is weighed all Grocery-ware, Flesh Butter; Cheese, Iron, Hemp, Tallow, Wax, Lead; and all things wherof comes walle.

A

# A Table of Accounts.

**The Price of Commodity by the Tun, Hundred,  
Pound, Ounce, Dozen, Yard, Ell, &c.**

**The Quantity of the Commodity to be bought or sold.**

	1 Farthing.			2 Penny.			3 Half-pence.			4 Pence.			5 Pence.		
	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
1	0	0	10	0	0	10	0	0	30	0	0	40	0	0	10
2	0	0	20	0	0	40	0	0	60	0	0	80	0	0	20
3	0	0	30	0	0	30	0	0	90	1	0	120	2	0	30
4	0	1	40	0	0	40	1	0	120	1	0	160	3	0	40
5	0	1	50	0	0	50	1	0	150	1	0	200	4	0	50
6	0	1	60	0	0	60	1	0	180	2	0	240	5	0	60
7	0	1	70	0	0	70	1	0	190	3	0	280	7	0	70
8	0	1	80	0	0	80	2	0	200	3	0	320	8	0	80
9	0	2	10	0	0	90	3	0	210	3	0	360	9	0	90
10	0	3	12	0	0	100	2	0	220	3	0	400	8	0	100
20	0	5	20	0	0	180	5	0	300	6	8	480	16	0	200
30	0	7	20	2	0	190	7	0	310	10	0	510	5	0	300
40	0	10	20	3	0	200	10	0	320	13	4	540	13	4	400
50	1	8	20	4	0	200	13	6	360	16	8	580	1	0	500
60	1	3	20	5	0	200	15	0	380	0	0	620	10	0	600
70	1	5	20	5	10	200	17	6	400	3	0	680	18	0	700
80	1	8	20	6	8	200	0	0	400	6	8	720	6	0	800
90	1	10	20	7	6	200	2	6	400	10	0	760	15	0	900
100	1	12	20	8	4	200	5	0	400	13	4	800	3	0	1000
	1 Shilling.			3 Shillings.			5 Shillings.			8 Shillings.			1 Lib.		
	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
1	0	1	0	0	3	0	0	5	0	0	8	0	1	9	0
2	0	2	0	0	6	0	0	10	0	0	16	0	3	0	0
3	0	3	0	0	9	0	0	15	0	1	24	1	3	0	0
4	0	4	0	0	12	0	1	0	0	1	12	0	4	0	0
5	0	5	0	0	15	0	1	5	0	3	0	4	5	0	0
6	0	6	0	0	18	0	1	10	0	4	8	0	6	0	0
7	0	7	0	1	1	0	1	15	0	2	16	0	7	0	0
8	0	8	0	1	4	0	2	0	0	3	4	0	8	0	0
9	0	9	0	1	7	0	2	5	0	3	12	0	9	0	0
10	0	10	0	1	10	0	2	10	0	4	0	0	10	0	0
20	1	0	13	0	0	5	0	9	8	0	0	20	0	0	0
30	1	3	14	10	0	7	10	0	12	0	0	30	0	0	0
40	2	0	16	0	9	10	0	0	16	0	0	40	0	0	0
50	3	10	17	16	8	13	10	0	20	0	0	50	0	0	0
60	3	0	19	0	0	15	0	0	24	0	0	60	0	0	0
70	3	10	20	0	17	10	0	28	0	0	70	0	0	0	
80	4	0	21	0	0	20	0	0	32	0	0	80	0	0	0
90	4	10	21	13	10	22	10	0	36	0	0	90	0	0	0
100	5	0	21	15	0	25	0	0	40	0	0	100	0	0	0

The description and use of the foregoing Table.

The Table consisteth of several Columns, the first Column towards the left hand, contains the quantity of any Commodity bought or sold from 1 Pound, 1 Yard, 1 Ell, 1 Lozen, 1 Peck, 1 Bushell, 1 Pipe, 1 Barret, &c. in this order beginning at 1 & ending at 100, at the top of the Table is the Price of any Commodity from 1 Farthing, the Pound, Yard, &c. to 10 pence, as 1 farthing, 1 penny, 2 pence, 4 pence, 10 pence: so likewise in the lowermost Columns from 1 shilling to 1 pound, as 1 shill. 3 shill. 1 pound but some examples will make it plain.

First then at 19 the pound what will 70 pound weight comes to look in that col. that hath 1 farth. at the head thereof, & against 70 in the 1st Col. you shall find 1<sup>s</sup> 5<sup>d</sup> 2<sup>q</sup> & so much will 70 pound weight cost at 1 far. the pound, in like manner is to be done for any such like question.

Secondly, suppose a pound, yard, &c. cost 1<sup>s</sup> 4<sup>d</sup> 1<sup>q</sup> what will 50 cost? first look 50 in the first col. & right against it in that col. that hath 1<sup>s</sup> on the head you will find 2<sup>l</sup> 1<sup>o</sup> 3<sup>d</sup> then look in the Col. that hath 4<sup>d</sup> over it and against 50 in the first Col. you shall find 0<sup>l</sup> 1<sup>o</sup> 8<sup>d</sup> so likewise in the Col. whose title is one farthing you shall find against 50 1<sup>d</sup> 2<sup>q</sup> write down these three sums and add them together thus

	l.	sh.	d.	q.
2 <sup>l</sup> 1 <sup>o</sup> 3 <sup>d</sup>	2	10	0	0
0 <sup>l</sup> 1 <sup>o</sup> 8 <sup>d</sup>	0	16	8	0
0 <sup>l</sup> 1 <sup>o</sup> 2 <sup>d</sup>	0	1	0	2
<hr/>	3	7	8	2

thus may you see that 50 yards at 1<sup>s</sup> 4<sup>d</sup> 1<sup>q</sup> the yard will cost 3<sup>l</sup> 7<sup>s</sup> 8<sup>d</sup> 2<sup>q</sup> so 150 yards will be three times so much 200, 4 times, Suppose again 2 quart of any thing cost 5 pence or 9<sup>d</sup> now these you will not find in the Table but you may find 4<sup>d</sup> & 1<sup>d</sup> and 4<sup>d</sup> 3<sup>d</sup> and 1<sup>d</sup> which doubled will make 9<sup>d</sup> which write out severally and add them together, as for example at 5<sup>d</sup> the pound what will 20 cost, look in the Col. whose title is 4<sup>d</sup> and against 20 in the first Col. you will find 6<sup>s</sup> 8<sup>d</sup> and in the Col. whose title is 1 penny you will find 1 — so much will 20 po. weight cost, the sum 8 4 at 5<sup>d</sup> the pound, and if it be demanded what 150 pound will cost first look what 100 comes to, then 50 and add them together and you shall have your desire, and so for brevity sake is to be done for any the like question.

Dove 1680.

A plain and easie Table shewing the true Interest  
due upon any sum of money from five shillings to  
hundred pounds, for a year or under, after the  
rate of six pounds in the hundred.

	1 Mon	3 Mon	6 Mon.	9 Mon.	A year
	sh. p. q.				
5	0 0 0	1 0 0	3 0 1	3 0 1	2 0 3
10	0 0 0	2 0 1	3 0 3	2 0 5	0 0 7
15	0 0 0	3 0 2	2 0 5	1 0 8	2 0 10 2
20	1 0 1	0 0 3	2 0 7	0 0 10	2 1 2 1
25	2 0 2	1 0 7	0 1 2	1 1 9	1 2 4 3
30	3 0 3	2 0 13	2 1 9	1 2 7	3 3 6 3
35	4 0 6	3 1 2	1 3 4	2 3 6	3 4 9 0
40	5 0 4	0 1 6	0 3 0	0 4 6	0 6 0 0
45	6 0 7	0 1 9	2 3 7	0 5 4	2 7 2 1
50	7 0 8	1 2 1	0 4 2	1 6 3	1 8 4 3
55	8 0 9	2 2 4	2 4 9	1 7 3	1 9 6 3
60	9 0 10	3 2 8	1 5 4	2 8 0	1 0 9 0
	po sh. p.				
60	0 1 0	0 0 3	0 0 6	0 0 9	0 0 12 0
70	0 2 0	0 0 6	0 0 12	0 0 18	0 1 4 0
80	0 3 0	0 0 9	0 0 18	0 1 7	0 1 16 0
90	0 4 0	0 0 12	0 1 4	0 1 16	0 2 8 0
100	0 5 0	0 0 15	0 1 10	0 2 5	0 3 0 0
110	0 6 0	0 0 18	0 1 16	0 2 14	0 3 12 0
120	0 7 0	0 1 1	0 2 2	0 3 3	0 4 4 0
130	0 8 0	0 1 4	0 2 8	0 3 12	0 4 16 0
140	0 9 0	0 1 7	0 2 14	0 4 1	0 5 8 0
150	1 0 0	0 1 10	0 3 0	0 4 10	0 5 0 0

Find the principal in the first Column, & in the other  
you have the interest due for one, three, six, nine, or  
twelve moneths.

F I N I S.